CONTRACT DATA REQUIREMENTS LIST (2 Data Items)

Form Approved OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gethering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other processing the collection of the processing the collection of the collection o

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CONTRACT DATA REQUIREMENTS LIST

Form Approved OMB No. 0704-0188

17. PRICE GROUP

IR ESTEMATED TOTAL PRICE

Public reporting burden for this collection of information is estimated to average 110 hours pe response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202–4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704–0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addressess.

Send completed form to the Government Issuing Contracting Officer of the Contract/PR No. listed in Block E.

A. CONTRACT	LINE ITEM NO.	B. EX	XHIBIT C. CATEGORY:									
TOP TM OTHER <u>ENGINEERING</u>												
D. SYSTEM/IT	EM		NTRACTOR									
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THESE PROCESSES ARE PRIME (OEM) APPROVED												
	SOURCES. IN THE CASE WHERE OTHER THAN THE OEM'S SPECIFICATIONS ARE TO BE UTILIZED.											
SEPARATE CERTIFICATIONS ARE REQUIRED.									ļ			
BLOCK # 5 CONTRACT REFERENCE:												
1. MATERIAL CERTIFICATION AND ANALYSIS DOCUMENTATION												
FOR:												
P/N: (78286) S1565-64305-000												
1) 4340 Steel I/A/W MIL-S-5000, Cond. "C"												
2) Shot peen I/A/W MIL-S-13165 using #170 shot to an intensity of												
10-14A.												
3) Heat treat to 150,000 psi min. T.S., Rockwell C34-38 per MIL-H-6875								ļ				
4) Chrome plate per QQ-C-320, CL. 2E.5) Black Oxide per								-	ļ			
6) Threads per MIL-S-7742								ļ	ļ			
7) Marking per SS8797.									 	<u> </u>		
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QUALITY ASSURANCE PROVISIONS

NSN: 9G 1560-00-787-2482QH

NOMEN: Head, Piston Tail Rotor

P/N: (78286) S1565-64305-000

Articles to be furnished hereunder shall be manufactured, tested and inspected in accordance with drawing number (78286) S1565-64305-000 REV. "L", or the latest revision, and all details and specifications referenced therein.

I. Quality/Inspection Requirements

A. MIL-I-45208A applies or ISO 9000 equivalent applies. Mus/5/01

B. Mandatory Inspection applies.

- C. First Article Testing at the Government Facility.
- D. Production Lot Testing Applies.

II. Supplemental Requirements

A. Additionally, para. 3.1-3.5, 5.1-5.2, 6.1-6.2 of MIL-Q-9858 apply. or ISO 9000 equivalent applies. mw 5/5/6/

- B. The contractor shall identify on the process/operation sheets all manufacturing sources performing processes/ operations outside of their facilities. These sheets shall not be revised or altered after the successful completion of First Article or Production Lot Testing without approval from the Engineering Support Activity (ESA) via the PCO.
- C. The Inspection Method Sheets which list the characteristics of each item produced under the contract shall have serial number traceability to the raw material, casting, or forging.
- D. Markings should be I/A/W MIL-STD-130 REV. "G" para. 5.3.3(a), (b), (c) and (g). Method and location shall be I/A/W drawing.

III. Mandatory Inspection Requirements:

During production, mandatory inspection is required to be accomplished by the contractor as follows:

- A. Level of Inspection (LOI).
 - 1) Critical Characteristics: 100% inspection shall apply.
 - 2) Major and Minor Characteristics LOI shall be I/A/W a sampling plan acceptable to the QAR.

B. Critical Characteristics

P/N: (78286) S1565-64305-000

1) Diameter: 1.319/1.320

2) Diameter: 1.554/1.555 (after shot peening & before plating) with surface finish not to exceed 16 microinches

3) Diameter: 1.559/1.560 (after plating) with surface finish not to exceed 16 microinches

4) Thread: 5/8-18 UNF-3B

5) Thread: 9/16-18 UNF-3B

6) Diameter: 0.867/0.868 (after shot peening & before plating) with surface finish not to exceed 16 microinches

7) Diameter: 0.872/0.873 (after plating) with surface finish not to exceed 16 microinches

8) Diameters marked with asterisk to be concentric with P.D. of 5/8-18 UNF Thd within .002 T.I.R. (Per Note 6).

C. Major and Minor Characteristics

1) Shall be defined by the contractor subject to QAR concurrence, unless defined on applicable drawings and associated specifications.

IV. Unless expressly provided for elsewhere in this Clause, equipment such as fixtures, jigs, dies, patterns, templates, mylars, special tooling, test equipment, or any other manufacturing aid required for the manufacture and/or testing of the subject item(s) will not be provided by the Government or any other source and is the sole responsibility of the contractor. The foregoing applies notwithstanding any reference to such equipment or the furnishing thereof that may be contained in any drawing or referenced specification.